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May 20, 1998

DERWENT-ACC-NO: 1998-287779

DERWENT-WEEK: 199826

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TITLE: Multilayered non-woven for sanitary wear - has non-woven outer layers with central intermittent layer of thermoplastic adhesive which is elastic at room temperature

PRIORITY-DATA: 1996DE-1047458 (November 16, 1996)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

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N/A

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B32B005/26

INT-CL (IPC): B32B 5/26; B32B 7/14; B32B 27/32; C09J 5/00; D04H 1/00; D04H 5/08

ABSTRACTED-PUB-NO: DE19647458A

BASIC-ABSTRACT:

A multi-layered elastic sheet has at least two porous, fibrous outer layers, e.g. non-wovens of polyolefin fibres, and at least one central layer consisting of linearly applied adhesive strands. The adhesive is a thermoplastic which is elastic at room temperature. The adhesive strands (3) are applied in a grid shape which allows for elastic extension under tension and subsequent retraction.

Also claimed are processes for applying an adhesive by printing processes or by extrusion.

USE - The sheet is used as absorbent material for sanitary wear, e.g. panty liners, nappies, incontinence pads.

ADVANTAGE - Greater comfort is obtained due to elastic properties and intermittent application of adhesives which allows the fabric to breathe.

Full	Title	Citation	Front	Review	Classification	Date	Reference
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